

Converting Colors

`RYB(114, 69, 100)`

Have a look what the booklet for
RYB(114, 69, 100) contains.

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Color

RYP(114, 69, 100)

Conversions

Conversions Part 1

Format	Color
Hex	724564
RGB	114, 69, 100
RGB Percent	45%, 27%, 39%
CMY	0.5529, 0.7294, 0.6078
CMYK	0.00, 0.39, 0.12, 0.55
HSL	319°, 25%, 36%
HSV	319°, 39%, 45%
XYZ	11.3678, 8.7538, 13.1471
YIQ	85.9890, 16.8690, 19.1810

Conversions

Conversions Part 2

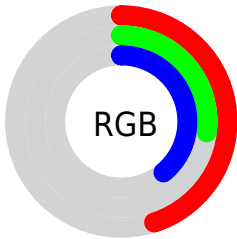
Format	Color
R_{YB}	114, 69, 100
Decimal	7488868
CIE _{Lab}	35.51, 24.34, -10.05
CIE _{LCh}	36, 26.333, 337.566
Yxy	8.7538, 0.3417, 0.2631
Android (android.graphics.Color)	4285678948 (0xFF724564)
YUV	85.9890, 6.9074, 24.5656
Hunter-Lab	29.5867, 16.8064, -5.6352

Details

The RYB color **114, 69, 100** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69, 103, 114**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **167, 118, 151**, and **65, 23, 53** is the 20% darker color. If you saturate the color by 10%, you get **114, 58, 96**, and if you desaturate by 10%, it is **114, 80, 104**.

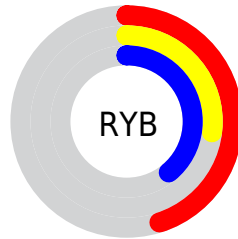
Distribution



Red (45%)

Green (27%)

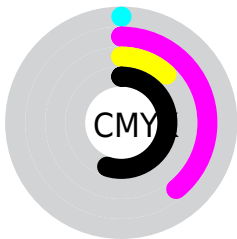
Blue (39%)



Red (45%)

Yellow (27%)

Blue (39%)

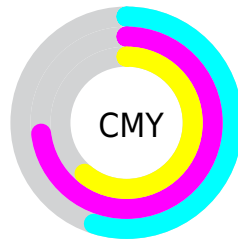


Cyan (0%)

Magenta (39%)

Yellow (12%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 69, 100 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 114, 69, 100 by changing the saturation by 10% instead.



114, 69, 100



114, 69, 100

255, 255, 255



89, 46, 76



167, 118, 151



65, 23, 53



194, 144, 178



42, 1, 32



223, 171, 205



10, 0, 6



251, 198, 233



0, 0, 0



255, 226, 255



114, 69, 100



114, 69, 100



114, 58, 96



114, 80, 104



114, 46, 93



114, 92, 107

■ 114, 35, 89

■ 114, 103, 111

■ 114, 23, 86

■ 114, 115, 115

■ 114, 12, 82

■ 114, 123, 126

■ 114, 1, 79

■ 114, 132, 137

■ 114, 0, 79

■ 114, 141, 149

■ 114, 149, 160

■ 114, 158, 172

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93, 76, 117



114, 69, 100



123, 66, 79

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



114, 69, 100



50, 92, 41



0, 50, 109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



114, 69, 100



69, 103, 114

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 49, 95



114, 69, 100



49, 90, 70

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114, 69, 100



110, 108, 45



41, 76, 93



6, 55, 122

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114, 69, 100



123, 68, 65



41, 76, 93



0, 49, 102

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



114, 69, 100



148, 130, 142



82, 69, 114



74, 64, 71



201, 201, 201



74, 74, 74

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114, 69, 100



148, 78, 126



114, 69, 78



56, 50, 54



120, 0, 83



247, 0, 170

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114, 69, 100



148, 78, 126



69, 94, 114



56, 50, 54



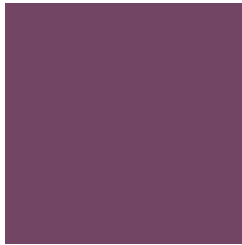
120, 0, 83



247, 0, 170

Previews

White Background



This preview shows how the RYB color 114, 69, 100 looks on a white background.

Color Contrast Check

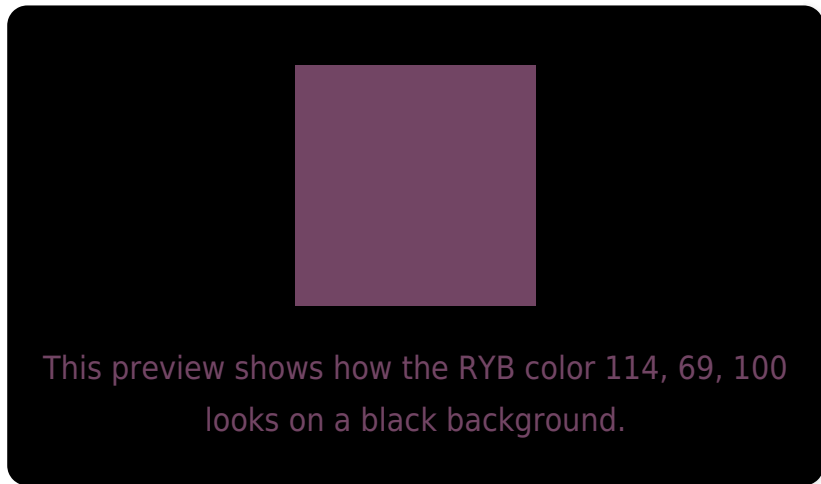
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

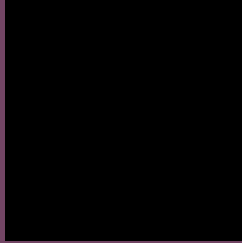
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 114, 69, 100 Background



This preview shows how black text looks on a background with the R Y B color 114, 69, 100.



This preview shows how white text looks on a background with the R Y B color 114, 69, 100.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

114, 69, 100

Protanopia

77, 82, 110

Deuteranopia

85, 82, 98



Tritanopia
112, 73, 79

Trichromacy



Original Color

114, 69, 100

Protanomaly

90, 78, 106

Deuteranomaly

96, 77, 99

Tritanomaly

113, 72, 87

Monochromacy



Original Color

114, 69, 100

Achromatopsia

86, 86, 86

Achromatomaly

96, 80, 91

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 69, 100 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 69, 100)` looks like.

```
.text, #text, p{  
    color:rgb(114, 69, 100)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 69, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 69, 100) }
```

Border

The CSS property to change the border of an element to RYB 114, 69, 100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 69, 100) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 69, 100) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 69, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 69, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 69, 100);  
box-shadow:4px 4px 4px 4px rgb(114, 69,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 114, 69, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 69, 100) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114, 69,  
100) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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